

Contents

8.1	Introduction	8-1
8.2	Background	8-1
8.3	State Funding Programs	8-1
8.4	Federal Water Funding Programs	8-1
8.5	Local Water Funding Programs	8-1

Tables

8-1	Bureau of Reclamation Funding of Water Projects	8-2
8-2	State Funding Programs	8-2
8-3	State Water Funding Expenditures	8-3
8-4	Federal Funding Programs	8-4
8-5	Federal Water Funding Expenditures	8-5
8-6	Local Funding Programs	8-5

Water Funding Programs

Federal, state and local governments are part of the water program funding process. In recent years, however, the Central Utah Water Conservancy District has emerged as a major participant.

8.1 Introduction

This section describes the funding sources and their activities and responsibilities for developing and conserving water resources in the Utah Lake Basin. Local, state and federal sources are funding planning studies and programs. The Utah Division of Water Resources does river basin planning and provides project construction funding. The divisions of Water Resources and Water Rights provide funding support for groundwater and related hydrologic studies. The U.S. Geological Survey provides matching funds for stream gaging and groundwater measuring and modeling. The Bureau of Land Management and Forest Service help with watershed management and planning. The Natural Resources Conservation Service also does river basin and watershed planning. See Sections 3 and 8 in the *State Water Plan (1990)* for additional information on state and federal water resources funding programs.

8.2 Background

Water development funding in this basin began with the sweat equity of the pioneers. Near the start of the 20th century, federal government water development started with the Strawberry Valley Project.

Most of the water developed in the early years was for agriculture. Most of the money spent on water development in the last 40 years has been for municipal and industrial uses. The Bonneville Unit of the Central Utah Project was initiated during the 1950s to bring water from the Duchesne River in the Colorado River Basin to the Bonneville Basin. Although some of this water was allocated to agricultural irrigation, most of it is likely to end up in municipal and industrial uses. Costs of constructing the remaining facilities of the Bonneville Unit of the Central Utah Project will be shared between federal and local entities. State help is available for local project sponsors when necessary. Table 8-1 shows expenditures on large federal projects in the Utah Lake Basin by the Bureau of Reclamation.

8.3 State Funding Programs

Tables 8-2 and 8-3 show current funding programs and the funding provided by state agencies for water-related projects. Funding can be grants and loans, and can be provided by more than one agency. These programs can accelerate water resources development by providing sufficient funds to construct projects that are otherwise not affordable to water suppliers.

8.4 Federal Water Funding Programs

Seven federal agencies are administering water project funding programs. Programs and historical expenditures are shown in Tables 8-4 and 8-5.

8.5 Local Water Funding Programs

The largest water provider in the Utah Lake Basin is the Central Utah Water Conservancy District. The district is primarily responsible for the administration, operation and maintenance of the Central Utah Project. These responsibilities include the sale of project water to a number of cities, towns, communities and some smaller water providers. Because of their significant involvement in the use and distribution of project water, the district participates with water users (primarily water retailers) to improve and/or expand existing storage and distribution facilities. Sometimes, funding is provided to other agencies to provide facilities for CUP purposes. However, these funds are made available on a case by case basis and subject to approval by the district's board of directors.

Several Utah County cities have metropolitan water districts to provide funding for projects within their respective boundaries. Private financial institutions may fund water projects when sponsors have adequate repayment ability and bonding capacity. Table 8-6 shows entities that may provide funding from local sources, along with project purpose and type of program. ❖ ❖

Table 8-1 BUREAU OF RECLAMATION FUNDING OF WATER PROJECTS		
Projects	Year Completed	Cost(\$)
Strawberry Valley	1922	3,349,000
Provo River	1941	39,521,000
Central Utah	1993	2,003,929,000 ^a
^a Total project cost estimated September 30, 1995.		

Table 8-2 STATE FUNDING PROGRAMS			
Entity/Program	Contact	Purpose	Type
Board of Parks & Recreation Land & Water Cons. Fund Riverway Enhancement Program	Div. of Parks and Rec.	Recreation facilities	Cost-share
Board of Water Resources Revolving Const. Fund Cities Water Loan Fund Cons.. and Development Fund Dam Safety	Div. of Water Res.	Small irr. & cul. projects Municipal cul. systems Large water projects Stabilize & repair dams	Loans Loans Loans Grants/Loans ^a
Comm. Dev. Block Grants	Div. of Community Dev.	Rural living environ. imp.	Grants
Perm. Comm. Impact Board Perm. Comm. Impact Fund Disaster Relief Board Fund	Div. of Community Dev.	Rural living environ. imp. Disaster repair	Grants/loans Grants
Drinking Water Board Financial Assist. Program	Div. of Drinking Water	Drinking water systems	Loans
Soil Conservation Commission Agr. Resource Dev. Loan Non-point Source Program	Dept. of Agriculture	Improve private agr. land Watershed improvement Improve water quality	Loans Grants Loans
Utah Wildlife Board ^b Wallup-Breaux Bill Habitat Authorization Fund	Div. of Wildlife Res.	Fish hab. restoration/dev. Aquatic habitat improv.	Grants Grants
Water Quality Board Revolving Const. Loan Program. Federal Const. Grants State Loan Program	Div. of Water Quality	Wastewater treat. facil. Wastewater treat. facil. Wastewater treat. facil.	Loans Grants Loans
^a Grants are given for studies of high hazard dams. Loans and grants provided for dam repair. ^b Federal funds are received under the Wallups/Breaux Bill authorizing sport fishery management and boating access.			

Table 8-3 STATE WATER FUNDING EXPENDITURES						
Funding Agency/Program	Period	Juab	Summit (\$1,000)	Utah	Wasatch	Total
Board of Parks and Recreation Land & Water Conservation Fund Riverway Enhancement Program	1991-96			1,600.0	18,200.a	19,800.0
Board of Water Resources Cities Water Loan Fund	1978-94	654.0	75.0	4,060.0	0	4,789.6
Conservation & Development Fund	1987-94	873.8	0	11,761.8	2,518.0	15,153.6
Revolving Construction Fund	1948-92	168.9	232.7	3,242.6	1,606.0	5,250.2
Community Dev. Block Grants	1986-96	182.5	192.0	4,304.1	1,962.9	6,641.5
Permanent Community Impact Board Permanent Community Impact Fund Disaster Relief Board Fund (inactive since 1991)	0	0	0	0	0	0
Drinking Water Board Financial Assistance Program	1983-96	0	0	8,878.7	251.0	9,129.7
Soil Conservation Commission Agr. Resource Dev. Loan Non-Point Source Program (inactive)	1991-96	155.4	0	966.3	84.2	1,205.9
Water Quality Board State Loan Program						
State Revolving Loan Program	1988-95	0	0	19,258.0	151.0	19,409.0
Federal Construction Grants	1972-91	70.1	921.2	20,206.6	10,918.9	32,116.9
EPA 314 Clean Lakes Program						
Total Expenditures		2,104.7	1,420.9	74,278.1	35,692.0	113,495.3

^a \$18,000,000 was direct grant from U.S. Bureau of Reclamation for park facilities at Jordanelle Reservoir.

Table 8-4
FEDERAL FUNDING PROGRAMS

Agency	Program	Purpose	Type
Department of Agriculture Farm Service Agency	Agricultural Consv. Program	Soil, water energy Consv.	Grants
	Emergency Consv. Program	Rehab. of farmland damaged by disasters	Grants
	Cons.. Reserve Program	Reduce erosion, maintain wetlands	Grants
	Rural Development	Water supply, wastewater disposal	Grants, Loans
Rural Development	Resource Consv. & Development	Multipurpose water, land Consv. facilities	Loans
	Watershed Protection and Flood Prevention	Flood control and water	Grants, Cost-Share
	Resource Consv. and Development	Multipurpose water and related facilities	Grants, Cost-Share
	Emergency Watershed Program	Reduce sedimentation and flooding, facility protection	Grants
Department of the Army Corps of Engineers	Civil Works	Flood control, water supply, recreation	Cost-share
	Continuing Auth. Program	Flood control & protection	Cost-share
	Emergency Activities	Flood control & protection	Grants
	Flood Plain Management Program	Flood Plain Delineation	Grants
Environmental Protection Agency	Non-point Source Program	Water Quality	Grants
	Investigation Program	Water storage, delivery	Loans
Department of Interior Bureau of Reclamation	Loan Programs	Small multipurpose project	Loans
	Presidential Declared Disaster Flood Plain Management	Damage mitigation Structure acquisition-flood plains	Grants Grants
Fed. Emergency Mgt. Agency			

Table 8-5
FEDERAL WATER FUNDING EXPENDITURES

Funding Agency/Program	Period	Juab	Summit (\$1,000)	Utah	Wasatch
Farm Services Agency					
Agr. Conservation Program	1990-96	43.5		792.4	175.4
Conservation Reserve Program					
Emergency Conservation Program					
Corps of Engineers ^a					
Civil Works	1996-97				150.0
Emergency Activities	1952-84	44.0		3,386.0	
Continuing Authorities	1985-88			230.0	
Rural Development					
Rural Development Loans	1946-present	90.0	50.0	2,418.0	100.0
Rural Development Grants	1946-present		198.0	565.6	
Federal Emergency Management Agency					
Presidential Declared Disaster	1983-86			8,639.0	938.1
Flood Plain Management		2,439.9			
Natural Resources Conservation Service					
Watershed Protect & Flood Prevention	1965-1973	269.1		3,644.3	
Resource Conservation & Development					
Emergency Watershed Program	1990			250.0	70.0

a An additional \$1,020,000 was spent by the Corps of Engineers on activities with basin-wide application.

Table 8-6
LOCAL FUNDING PROGRAMS

Entity	Purpose	Type
Private financial institutional	Any approved water-related project	Loan
Cities, districts, and towns	Water systems	Bonding, cash flow
Western Farm Credit Bank	Agricultural water projects	Loan